



**MISSION**

Provide short-range air defense for brigade, division, and corps area combat units against cruise missiles, unmanned aerial vehicles (UAVs), low-flying fixed-wing aircraft, and helicopters.

**DESCRIPTION AND SPECIFICATIONS**

The Stinger program has been restructured to support the Army Vision. Stinger, a fire-and-forget infrared missile system mounted on a variety of platforms, is the only air defense weapon in the forward area. Stinger has been fielded on MANPADS, Avenger, Kiowa Warrior, Bradley Linebacker, and the the U.S. Marine Corps' Light Amphibious Vehicle-Air Defense. This missile homes in on the heat emitted by fixed-wing aircraft or helicopters. Stinger uses an eject motor to propel the missile a safe distance away from the gunner; a flight motor then ignites and propels it to the target. A proportional navigation system enables it to fly an intercept course to the target. The Stinger program has evolved from the Redeye, to Stinger Basic, followed by Stinger Post, to the Stinger Reprogrammable Microprocessor (Stinger-RMP). The Block I software and hardware changes to the Stinger-RMP missile provide a greatly improved capability to engage advanced cruise missile and UAV threats.

**Guidance:** Passive infrared and ultraviolet homing

**Speed:** Supersonic

**Navigation:** Proportional with lead bias

**Weight:** 34.5 lb

**Diameter:** 2.75 in

**Length:** 60 in

**FOREIGN COUNTERPART**

Britain: Blowpipe, Javelin; Russia: SA-7, SA-14, and SA-16; Sweden: RBS-70.

**FOREIGN MILITARY SALES**

Denmark, Germany, Greece, Israel, Italy, The Netherlands, Pakistan, Portugal, Saudi Arabia, Sweden, Switzerland, Taiwan, Turkey, and the United Kingdom.

**PROGRAM STATUS**

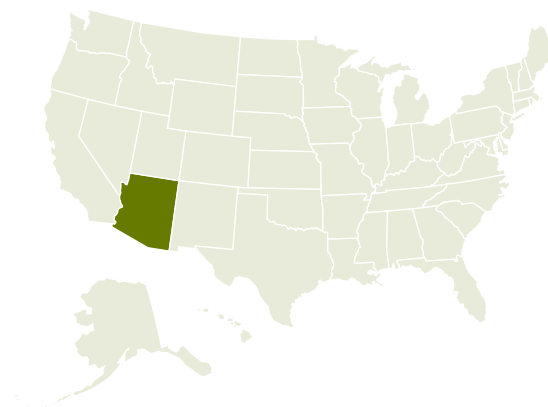
Block I upgrades to the Stinger-RMP missile will continue through FY10.

**PROJECTED ACTIVITIES**

The Army plans include funding for extending the service life and continuing the upgrade of missiles to the Block I configuration.

**PRIME CONTRACTORS**

Raytheon (Tucson, AZ)



\* See appendix for list of subcontractors



Project the Force



Protect the Force



Gain Information Dominance



Shape the Battlespace



Conduct Decisive Operations



Sustain the Force